

CLAIMS

Amend the claims as follows.

1. (Currently Amended) A method for migrating content on a network comprising:
receiving a first request to access data at a current network address;
directing the first request for access to a current network address based on switching instructions provided in a first switch compliant file;
accessing a migration file comprising a plurality of network entries, wherein each of said network entries comprises one or more network addresses[.,.];
reformatting the migration file using a switch compliant file language to reformat the plurality of network entries;
updating said first switch compliant file with said reformatted plurality of network entries to generate a second switch compliant file corresponding to a new network address associated with said current network address;
and wherein said current network address and a new network address are associated with one entry of said reformatted plurality of network entries;
analyzing said one entry to determine if said data is ready for migration to said new network address;
redirect a second request to access said current network address to said new network address based on switching instructions provided in said second switch compliant file;
determine that said new network address is not ready for migration;
restore said first switch compliant file responsive to determining said new network address is not ready for migration;
and
when said data is ready for migration, automatically redirecting the request to access said data at said current network address to said new network address based on the analysis of said one entry in said migration file, wherein said data is retained at both said current network address and said new network address
redirect a third request to access said current network address based on switching instructions provided in said first switch compliant file.

2. (Currently Amended) The method of Claim 1, wherein the redirection occurs transparently to a user.

3. (Currently Amended) The method of Claim 1, wherein said migration file is parsed with scripts to be compatible with one or more of Open Systems Interconnection (OSI) data connectivity model layers 4 to 7.

4. (Currently Amended) The method of Claim 3, wherein the switch compliant file language used for reformatting the migration file is said migration file is reformatted as a switch compliant file comprising extensible markup language (XML)-format.

5. (Currently Amended) The method of Claim 4, wherein said switch compliant file is uploaded further comprising uploading the first or the second switch compliant file to a content switch via scripts.

6. (Currently Amended) The method of Claim 5, wherein said content switch operates using OSI data connectivity model layers 4 to 7.

7. (Currently Amended) The method of Claim 1, wherein said new network address is associated with a first server, wherein said current network address is associated with a second server, and wherein said data is accessible from both the first and second servers.

8. (Currently Amended) The method of Claim 1, wherein said new network address and said current network address are both associated with a same server, and wherein said data is accessible from the same server.

9. (Currently Amended) The method of Claim 7, wherein said data partially resides on said first and second servers.

Claims 10-23. (Cancelled)

24. (Currently Amended) A system for data migration comprising:

means for redirecting a first request to access data at a current network address based on switching instructions provided in a first switch compliant file, wherein said first request is redirected to a first the current network address; [.,.]

means for accessing a migration file comprising a database including a plurality of network addresses;

means for reformatting the migration file using a switch compliant file language for reformatting the plurality of network addresses;

means for updating the first switch compliant file comprising:

scripting said database to generate a second switch compliant file; and

reformatting the plurality of network addresses, wherein the second switch compliant file comprises the plurality of reformatted network addresses including a new network address associated with said current network address;

wherein said first new network address is different than said current network address, and wherein said data resides concurrently at both said current network address and said first new network address;

means for receiving a second request to access said data at said current network address;

means for accessing a database containing a number of network entries, wherein one of said network entries comprises said current network address and a second network address, and wherein said second network address is different than said first network address;

means for scripting said database to generate a second switch compliant file;

and

means for automatically redirecting said second request to access said data at said current network address to said second new network address based on said second switch compliant file, wherein said first new network address is different than said current network address;

means for receiving a third request to access said data at said current network address, wherein said third request is received after said second request;

means for restoring said first switch compliant file responsive to identifying an error associated with the data migration; and

means for redirecting said third request to access said data at said current network address based on switching instructions provided in said first switch compliant file.

25. (Cancelled)

26. (Currently Amended) The system of Claim 24₁, wherein said first and second switch compliant files comprise an extensible markup language (XML) format.

27. (Currently Amended) The system of Claim 24₁, wherein said ~~first~~ new network address is associated with a new server distinct from a server associated with said current network address.

28. (Currently Amended) The system of Claim 24₁, wherein said ~~first~~ new network address is associated with a same server as said current network address.

29. (Currently Amended) The system of Claim 24₁, wherein said ~~first~~ new network address is associated with data that is partially stored on a new server distinct from a server associated with said current network address.

30. (Currently Amended) The method of Claim 1₁, further comprising:
~~reformatting said migration file as a switch compliant file comprising a switch compliant language~~, wherein said switch compliant language complies with one or more of Open Systems Interconnection (OSI) data connectivity model layers 4 to 7.

31. (Currently Amended) The method of Claim 30₁, further comprising:
~~reading OSI layer 4 to 7 application-level information in a packet header of said first, second and third requests, wherein said first, second and third requests is are directed or redirected to a current or new server based on said application-level information.~~

32. (Currently Amended) The method of Claim 31₁, wherein said new server is selected according to a type of information read in said packet header, and wherein requests

associated with different types of information are directed or redirected to different servers to provide server load balancing.

33. (Currently Amended) The method of Claim 1, wherein one or more of said plurality of network entries indicate that other data is not ready for migration, and wherein a request for said other data is not redirected based on the analysis of said migration file.

34. (Currently Amended) The method of Claim 33, wherein said other data is directed to a network address included in the request for said other data.

35. (Cancelled)

36. (Currently Amended) The ~~computer-readable medium~~ method of Claim 8, wherein data associated with ~~said a~~ future request resides concurrently at both said requested network address and said new network address.

37. (Currently Amended) The ~~computer-readable medium~~ method of Claim 36, wherein the data associated with said future request is identical to data associated with said request.

38. (Previously Presented) The system of Claim 24 wherein said data resides at both said current network address and said second network address at the same time.